

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	11	("3138473" "4071651" "4758282" "4940513" "4940784" "5338406" "5338407" "5415736" "5554745" "5690790").PN.	US-PGP UB; USPAT; USOCR	OR	OFF	2005/08/24 18:49
L4	1	("5810972").URPN.	USPAT	OR	OFF	2005/08/24 18:50
S1	924	tissue and xylan	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 15:30
S2	44	S1 and "162"/\$7.ccls.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 15:31

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("20010041223") or ("5760212") or ("5810972")).PN.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:13
L2	2	wo-9525847-\$.did.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:14
L3	2	ep-556150-\$.did.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:30

L4	0	gb-965865-\$.did.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:30
L5	0	gb-0965865-\$.did.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:30
L6	2	gb-2179953-\$.did.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2005/08/24 20:30

L7	40	tissue and xylan and paper\$1making	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 20:32
L8	924	tissue and xylan	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 20:32
L9	44	L8 and "162"/\$7.ccls.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 20:33

L10	16	7 not L9	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 20:32
S1	924	tissue and xylan	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 20:31
S2	44	S1 and "162"/\$7.ccls.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2005/08/24 15:31
S3	11	("3138473" "4071651" "4758282" "4940513" "4940784" "5338406" "5338407" "5415736" "5554745" "5690790").PN.	US-PGP UB; USPAT; USOCR	OR	OFF	2005/08/24 18:49

S4	1	("5810972").URPN.	USPAT	OR	OFF	2005/08/24 18:50
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Results 1 - 10 of about 406 for xylan content of bleached (paper OR pulp). (0.30 seconds)

Literature--APA 10(3) 1997

The TAPPI test for color reversion of **bleached pulp** was used, and an apparatus based on the ... The higher the **xylan content**, the greater the recyclability; ...
palimpsest.stanford.edu/byorg/abbey/ap/ap10/ap10-3/ap10-305.html - 15k - [Cached](#) - [Similar pages](#)

Danielsson [KTH]

Increasing the **xylan content** in the kraft **pulp** is the key to **pulp** yield and ... and thereby improves the **pulp** properties of the fully **bleached pulp**. ...
www.polymer.kth.se/forskning/trakemi_massateknologi/lindstrom/danielsson.html - 13k - [Cached](#) - [Similar pages](#)

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... from *Bacillus subtilis* reduced **xylan content** of **bleached** hardwood **pulp** 20%. [17]
... The strength of **paper** made from enzymatic **pulp** is comparable to that ...
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[PDF] Influence of beech wood quality on bisulfite dissolving pulp ...

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assuming a residual **xylan content** of 3%, have been calculated (Fengel et al. 1981). ... detected in the fines fraction of the fully **bleached pulp** ...
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Under the best conditions, a fully **bleached pulp** (91.6% ISO brightness) with SCAN ... unbleached **pulp** were as follows: cellulose and **xylan** contents, ...
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bleached pulps with favourable characteristics for dissolving **pulp** manufacture were ... **xylan content** of the pulps (in the range 22±16g kg. Å1. **pulp**) ...
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[PDF] Fractionation and molecular characteristics of cellulose during ...

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ICBPPI, Biotechnology in the **pulp** and **paper** industry, June 11–. 15, Vienna, 154.
... zymatic hydrolysis of birch kraft **pulp xylan** – analysis by ca- ...
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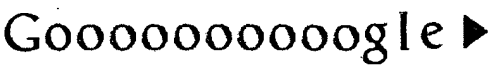
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The prediction error for **bleached pulp** yield was about ±1.5% on od wood for spruce ... Increasing the **content** of lignin, cellulose, glucomannan and/or **xylan** ...
www.chemeng.ntnu.no/research/paper/Publications/2002/Vaaler-EWLP_Yield.pdf - Aug 23, 2005 - [Similar pages](#)

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Not measured **bleached** yield of 5 spruce and 1 pine **pulp**. ... for the most extreme pulps, whereas the **content** of **xylan** remained almost constant or even ...
www.chemeng.ntnu.no/research/paper/Publications/2002/Vaaler-EWLP_Beatability.pdf - [Similar pages](#)

Journal of the Chilean Chemical Society - HEXENURONIC ACID ...

Tensile index, tear index and burst index of **bleached pulp** samples were also ...
Effect on hexenuronic acid **content**", *Journal of Pulp and Paper Science*, ...



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Paper Dictionary

Alkaline Papermaking: Paper manufactured under alkaline conditions, using additives, ... in the **paper making** process. A pulp ready to make **paper**. ...

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Copol Home

One will be modification for improvement in pulping and **paper making** quality.

... The main **xylan** in hardwoods is O-acetyl-4-O-methylglucuronoxylan and in ...

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Prof G. Paul Bolwell@Biosci RHUL

... biosynthesis of **xylan** and lignin and a characteristic proteomic profile for

... poplar, for biomass energy and improved pulping and **paper making**, maize, ...

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Abstracts 84(December 2004)2

XYLAN DEGRADATION BY DIFFERENT XYLANASES OF RUMEN BACTERIUM ... In the groups T1 and T11 the distribution of muscle, fat and bone **tissue** in the body parts ...

aas.bfro.uni-lj.si/84-2004/abs84-2.htm - 32k - [Cached](#) - [Similar pages](#)

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DI Lee, "Latexes for **Papermaking** and **Paper Coatings**", lectured at the 27th ...

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packaging **paper making** processes from the brown wood pulp, the black emulsion is due to ... xylanase activity using oat-spelt **xylan** as the substrate, ...

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Pulp and Paper Research Summaries

Ensuring Fiber Supply Through Biotechnology: New **Tissue** Culture Tools from ...

Fiber is the most expensive single component in the **paper making** process. ...

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2 Review of relevant literature on **papermaking** from field crops. ... bleaching,

paper making and printing which were carried out in 1995, and to the tests ...

ethesis.helsinki.fi/julkaisut/maa/sbiol/vk/saijonkari-pahkala/nonwoodp.pdf - [Similar pages](#)

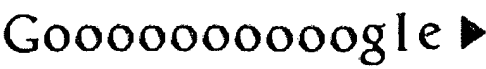
[PDF] United Nations Environment Programme

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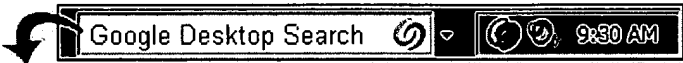
Papermaking then converts the pulped cellulose fibres into **paper** or paperboard on a

... although some sectors, such as **tissue making**, use chlorine based wet ...

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